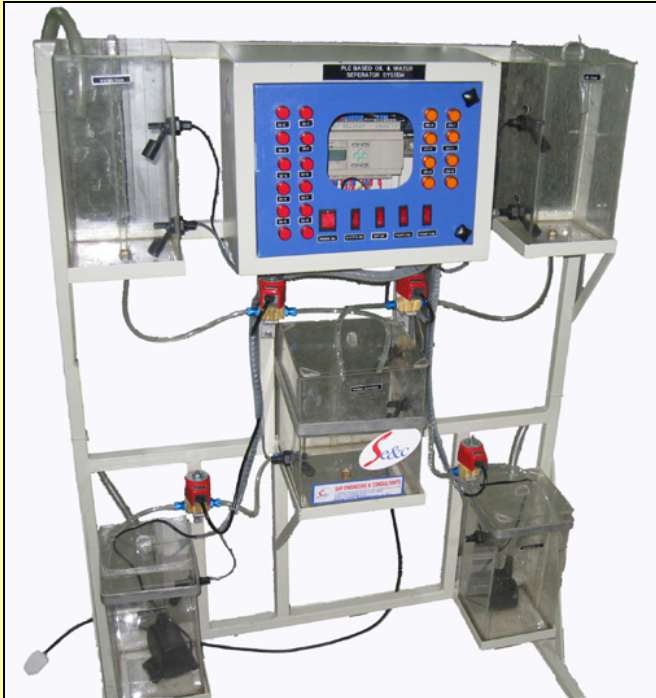


## SAP E&C PLC BASED OIL AND WATER SEPERATOR (SAP-63)



PLC Based Oil and Water Separator gives an idea regarding the usage of Programmable Logic Controllers in an industrial environment.

### Technical Specification: -

- ❖ PLC: - Allen-Bradley / Omron/Equivalent  
Actual Plant I/O:  
Digital Inputs: 12  
Digital Outputs: 08
- ❖ Oil Tank: - 2 Nos., Material: Transparent acrylic  
Dimension: Dimension 6" X 6" X 12"
- ❖ Water Tank: - 2 Nos., Material: Transparent acrylic
- ❖ Mixing Tank: - Material: Transparent acrylic  
Dimension 8" X 8" X 10"
- ❖ Centrifugal Pump: - 230V AC Single-phase, Vertical.
- ❖ Level Switch: - 9 Nos., Float operated,  
Switching voltage: 24V DC
- ❖ Indicating Lamp: - 24V DC Operated.
- ❖ Solenoid valve: - 4 Nos., 230V Single phase. 1/4" size, Vertical mounting

## Features: -

- ❖ Turnkey system.
- ❖ Two line display on PLC unit for programming.
- ❖ Transparent acrylic tanks.
- ❖ Side mounted miniature level switches (9 no.) for level position Inputs to PLC unit.
- ❖ Solenoid valve & pump control from digital outputs on PLC.
- ❖ Ms Powder coated frame containing water tanks.
- ❖ I/P-O/P indication on front panel.
- ❖ PC interface facility: PC-PLC CABLE.
- ❖ Control panel for visual indication of process.
- ❖ Necessary I/P- O/P simulating devices.
- ❖ Ladder diagram programming facility on PC.
- ❖ Front panel for display of digital output status.
- ❖ PLC with 12 DI, 8 DO Configurations & PC-PLC communication cable, standard Program.
- ❖ Computerized control system trainer (optional).

**PLC MAKE: Allen-Bradley/OMRON/Equivalent.**

## Services Required:

- ❖ 230 V AC 50 Hz Single Phase Supply.
- ❖ Water Supply & Drainage Arrangement.

## Note:

All descriptive matter and illustrations are intended to give only a general idea of the equipment. Detailed specifications may be altered at the company's discretion without notice.

<b>Manufactured / Marketed by</b>	
<b>SAP ENGINEERS AND CONSULTANTS</b>	
<b>Regd. Off.</b>	: Shop No. 26, 27 Srushti, S. No. 82/11+12++33+34, Eklavya Clg Rd (D. P. Road), Kothrud, Pune- 38
<b>Telephone</b>	: (020) 25384737
<b>Mobile</b>	: (+91) 9422088946, 9552475082
<b>Fax</b>	: (020) 25383544
<b>Email</b>	: <a href="mailto:pravinsdeode@vsnl.net">pravinsdeode@vsnl.net</a>
<b>Website</b>	: <a href="http://www.sapengineers.com">www.sapengineers.com</a> / <a href="http://www.sapengineers.co.in">www.sapengineers.co.in</a>

